



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: B. Kim Attorney Docket No.: SEMT116964
Application No.: 10/687,112 Group Art Unit: 1762
Filed: October 15, 2003 Examiner: F.J. Parker
Title: PROCESSES AND TOOLS FOR FORMING LEAD-FREE
ALLOY SOLDER PRECURSORS

INFORMATION DISCLOSURE STATEMENT

March 9, 2004

TO THE COMMISSIONER FOR PATENTS:

Applicant is aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

1. X Pursuant to 37 C.F.R. § 1.97(b), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits.
2. X The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.18 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 03-1740. This authorization also hereby includes a request for any extensions of time of the appropriate length required upon the filing of any reply during the entire prosecution of this application.

Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date.

Date:

3/9/04

Shannon Hill



INFORMATION CITED BY APPLICANT THAT MAY BE MATERIAL TO THE
PROSECUTION OF THE SUBJECT APPLICATION

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U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
_____	U1	5,902,472	A	05/11/1999	Arai et al.
_____	U2	5,940,235	A	08/17/1999	Sasaki et al.
_____	U3	5,948,235	A	09/07/1999	Arai

OTHER INFORMATION

(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Cite No.	
_____	O1	Kim, B., and T. Ritzdorf, "Electrochemically Deposited Tin-Silver-Copper Ternary Solder Alloys," <i>Journal of The Electrochemical Society</i> 150(2):C53-C60, 2002.
_____	O2	Kim, B., and T. Ritzdorf, "Electrodeposition of Ternary Near-Eutectic SnAgCu Solders With an Alkaline Bath," <i>Proceedings of the 2002 International Symposium and Exhibition on Advanced Packaging Materials, Session 3</i> , Stone Mountain Park, Georgia, March 3-6, 2002.

Examiner

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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